

表1 供试菌株和质粒

Table 1 Strains and Plasmids used in this research

菌株和质粒 Strains and plasmids	特征 Characterization	来源 Origin	参考文献 References
pMD18-T	Amp <sup>R</sup>	This lab	Unpublished
pQE30	Amp <sup>R</sup> , T <sub>5</sub> expression vector	This lab	Unpublished
<i>E. coli</i> M15	Amp <sup>R</sup> , Nal <sup>s</sup> , Str <sup>s</sup> , Rif <sup>s</sup> , Thi <sup>-</sup> , Lac <sup>-</sup> , Ara <sup>+</sup> , Gal <sup>+</sup> , Mtl <sup>-</sup> , F <sup>-</sup> , RecA <sup>+</sup> , Uvr <sup>+</sup> , Lon <sup>+</sup> with Kana <sup>R</sup>	This lab	Unpublished
<i>E. coli</i> JM109	<i>E. coli</i> recA <sup>1</sup> supE <sup>44</sup> endA <sup>1</sup> hsdR <sup>17</sup> gyrA <sup>96</sup> relA <sup>1</sup> thi <sup>-</sup> Δ(lac-proAB)	This lab	Sambrook et al., 2002
<i>Bt</i> W015-1	Wild strain of <i>B. thuringiensis</i>	This lab	Xie et al., 2010